

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: McTigue et al.

Serial No. NOT YET ASSIGNED

Filed: August 28, 3001

For: Modifications of VEGF Receptor-2 Protein
and Method of Use

Art Unit: NOT YET ASSIGNED

Examiner: NOT YET ASSIGNED

Atty. Docket: 0125-0016D3

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application, Applicant herewith
respectfully requests the following amendments:

IN THE CLAIMS:

Kindly delete claims 1-16 and replace with the following claims 17-26.

17. A method for screening compounds for RTK agonists or RTK antagonists comprising:
- (a) crystallizing a modified RTK polypeptide, said modified RTK polypeptide having kinase activity and comprising RTK kinase domain α helix D linked to RTK kinase domain α helix E by a truncated RTK kinase insert domain (KID);
 - (b) obtaining crystallography coordinates for said modified RTK polypeptide;
 - (c) applying said crystallography coordinates for said modified RTK polypeptide in order to generate a model of said RTK polypeptide suitable for use in designing molecules that will act as agonists or antagonists to said polypeptide; and

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